

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. First Inventor Sang-		No.	51876P445				
		Sang	-Hee KANG				
Title				22			
	SEMICONE LINES	UCTOR ME	MORY DEVICE WITH SENSE AMPLIFIER DRIVER HAVING MULTIPI	JED OUTPUT			
Express Mail Label No.		hel No	EV220010102HC				

Date

(Only for new nonprovisional applications under 37 CFR 1.53(b)) |EV339910102US Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 APPLICATION ELEMENTS ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 2 🔲 See 37 CFR 1.27. (if applicable, all necessary) [Total Pages 36] 3. 🔀 Specification Computer Readable Form (CRF) (preferred arrangement set forth below) Specification Sequence Listing on: - Descriptive title of the Invention i. 🗖 CD-ROM or CD-R (2 copies); or - Cross References to Related Applications Statement Regarding Fed sponsored R & D ii. 🔲 paper - Reference to sequence listing, a table, Statements verifying identity of above copies C. or a computer program listing appendix - Background of the Invention Brief Summary of the Invention - Brief Description of the Drawings (if filed) 9. 🔀 Assignment Papers (cover sheet & document(s)) - Detailed Description 37 C.F.R. § 3.73(b) Statement Power of Attorney Claim(s) (when there is an assignee) - Abstract of the Disclosure 11. 🔲 English Translation Document (if applicable) 12. 🔀 Copies of IDS Information Disclosure \boxtimes Statement (IDS)/PTO-1449 Citations 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 12] 13. **Preliminary Amendment** Application Amended to Reflect Claim of 5. Oath or Declaration (signed) [Total Pages 3] 14. 🔀 Return Receipt Postcard (MPEP 503) **Priority** a. Newly executed (original or copy) (Should be specifically itemized) 15. 🔀 Certified Copy of Priority Document(s) Copy from a prior application (37 C.F.R. § 1.63(d)) (if foreign priority is claimed) (for continuation/divisional with Box 18 completed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). i. DELETION OF INVENTOR(S) Applicant must attach form PTO/SB/35 or its equivalent. Signed statement attached deleting inventor named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 17. 🔀 Other: Request For Priority; Transmittal of Formal Drawings; Twelve(12) IDS Citations Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: ☐ Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application Information: Examiner Group/Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS 08791 Qustomer Number Correspondence address below Name Blakely, Sokoloff, Taylor & Zafman LLP 12400 Wilshire Boulevard, 7th Floor Address City Los Angeles State California Zip Code 90025 Country Telephone (310) 207-3800 (310) 820-5988 Fax Registration No. (Attorney/Agent) Name (Print/Type) Eric S. Hyman 30,139

Signature

FEE TRANSMITTAL for FY 2003 Complete if Known Application Number Filing Date First Named Inventor Effective 01/01/2003. Patent fees are subject to annual revision. Sang-Hee KANG **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27. Group/Art Unit **TOTAL AMOUNT OF PAYMENT** 982.00 Attorney Docket No. 51876P445 METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) 3. ADDITIONAL FEES Money Order Check Credit card Other ☐ None Deposit Account Large Entity Fee (\$) Fee Code Fee Code Deposit Account Number FeePaid Fee Description 02-2666. 1051 130 2051 65 Surcharge - late filing fee or oath 1052 2052 Surcharge - late provisional filing fee or cover sheet. 50 Blakely, Sokoloff, Taylor & Zafman LLP 2053 130 Non-English specification 1812 1812 2.520 The Commissioner is authorized to: (check all that apply) 2,520 For filing a request for ex parte reexamination 920 Requesting publication of SIR prior to Examiner action 1804 1804 Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. 1805 1,840 1805 1.840 Requesting publication of SIR after Examiner action Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account				110	2251	55	Extension for reply within first month	
FEE CALCULATION				420	2252	210	Extension for reply within second month	
1. BASIC FILING FEE			1253	950	2253	475	Extension for reply within third month	
Large Entity	Small Entity	· -	1254	1,480	2254	740	Extension for reply within fourth month	
Fee Fee Code (\$)	Fee Fee Fe Code (\$)	ee Description Fee Paid	1255	1,210	2255	605	Extension for reply within fifth month	
1001 770	2001 385	Utility filing fee 770 00	1404	330	2401	165	Notice of Appeal	
1002 340	2001 363	Utility filing fee 770.00 Design filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1003 530	2003 265	Plant filing fee	1403	290	2403	145	Request for oral hearing	
1004 770	2004 385	Reissue filing fee	1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1005 160	2005 80	Provisional filing fee	1452	110	2452	55	Petition to revive - unavoidable	
j '	SURTO	OTAL (1) (5) 770.00	1453	1,330	2453	665	Petition to revive - unintentional	
		5/AE(1) [47 770.00]	1501 1502	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES Extra Fee from				480	2502	240	Design issue fee	
		Claims below FeePaid	1503	640	2503	320	Plant issue fee	
Total Claims	14 - 20 =	0 X 18.00 = \$0.00	1460	130	2460	130	Petitions to the Commissioner	
Independent Claims	53***	2 X 86.00 = \$172.00	1807	50	1807	50	Prosessing fee under 37 CFR 1.17(q)	
Multiple Dependent			1806	180	1806	180	Submission of Information Disclosure Strnt	
Large Entity Fee Fee	Small Entity Fee Fee F	Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
Code (\$)	Code (\$)		1809	<i>77</i> 0	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1202 18		Claims in excess of 20	1810		2810			
1201 86		Independent claims in excess of 3	loiv	770	2010	385	For each additional invention to be examined (37 CFR § 1.129(b))	1
1203 290		Multiple Dependent claim, if not paid	1801	770	2801	385	Request for Continued Examination (RCE)	I
1204 86	1204 86 2204 43 **Reissue independent claims over original patent			900	1802	900	Request for expedited examination	
1205 18	2205 9 **	05 9 **Reissue claims in excess of 20 and over original patent			!		of a design application	

SUBMITTED BY Complete (if applicable)						
Name (Print/Type)	Eric S. Hyman		Registration No. (Attorney/Agent)	30,139	Telephone	(310) 207-3800
Signature		Cert			Date	12/5/03

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

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40.00

172.00

Based on PTO/SB/17 (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (4/1/ 08/11/2003. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1459, Alexandria, VA 22313-1450

SUBTOTAL (2)

**or number previously paid, if greater, For Reissues, see below

(\$)

Express Mail No.: EV339910102US DOCKET NO.: 51876P445

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re th	e Application of:	
San	G-HEE KANG	Art Group:
Applica	ation No.:	Examiner:
Filed:	·	
For:	SEMICONDUCTOR MEMORY DEVICE WITH SENSE AMPLIFIER DRIVER HAVING MULTIPLIED OUTPUT LINE	
P.O. I	nissioner for Patents Box 1450 ndria, VA 22313-1450	
_	TRANSMITTAL O	F FORMAL DRAWINGS
overp	ngs, 12 sheets including 14 Figures. Pleas	ve-identified U.S. Patent Application are the formal e charge any additional fees or credit any A duplicate copy of the Fee Transmittal is
Dated:	Mister	Respectfully submitted, Blakely, Sokoloff, Taylor & Zafman LLP Cric S. Hyman, Reg No. 30,139

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